SEQUENCE LISTING

<110> Weigelt, Johan
Wikström, Mats

<120> NEW NUCLEAR MAGNETIC RESONANCE SCREENING METHOD

<130> 13425-047001

<150> 60/243,626
<151> 2000-10-26

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<151> 2000-10-20

<160> 7

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 435
<212> PRT
<213> Homo sapiens

<400> 1

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Met Glu Met Glu Lys Glu Phe Glu Gln Ile Asp Lys Ser Gly Ser Trp
 1               5                  10                  15
Ala Ala Ile Tyr Gln Asp Ile Arg His Glu Ala Ser Asp Phe Pro Cys
            20                  25                  30
Arg Val Ala Lys Leu Pro Lys Asn Lys Asn Arg Asn Arg Tyr Arg Asp
        35                  40                  45
Val Ser Pro Phe Asp His Ser Arg Ile Lys Leu His Gln Glu Asp Asn
    50                  55                  60
Asp Tyr Ile Asn Ala Ser Leu Ile Lys Met Glu Glu Ala Gln Arg Ser
65                  70                  75                  80
Tyr Ile Leu Thr Gln Gly Pro Leu Pro Asn Thr Cys Gly His Phe Trp
                85                  90                  95
Glu Met Val Trp Glu Gln Lys Ser Arg Gly Val Val Met Leu Asn Arg
            100                 105                 110
Val Met Glu Lys Gly Ser Leu Lys Cys Ala Gln Tyr Trp Pro Gln Lys
        115                 120                 125
Glu Glu Lys Glu Met Ile Phe Glu Asp Thr Asn Leu Lys Leu Thr Leu
    130                 135                 140
Ile Ser Glu Asp Ile Lys Ser Tyr Tyr Thr Val Arg Gln Leu Glu Leu
145                 150                 155                 160
Glu Asn Leu Thr Thr Gln Glu Thr Arg Glu Ile Leu His Phe His Tyr
                165                 170                 175
Thr Thr Trp Pro Asp Phe Gly Val Pro Glu Ser Pro Ala Ser Phe Leu
            180                 185                 190
Asn Phe Leu Phe Lys Val Arg Glu Ser Gly Ser Leu Ser Pro Glu His
        195                 200                 205
Gly Pro Val Val Val His Cys Ser Ala Gly Ile Gly Arg Ser Gly Thr
    210                 215                 220
Phe Cys Leu Ala Asp Thr Cys Leu Leu Leu Met Asp Lys Arg Lys Asp
225                 230                 235                 240
```

Pro Ser Ser Val Asp Ile Lys Lys Val Leu Leu Glu Met Arg Lys Phe
245 250 255
Arg Met Gly Leu Ile Gln Thr Ala Asp Gln Leu Arg Phe Ser Tyr Leu
260 265 270
Ala Val Ile Glu Gly Ala Lys Phe Ile Met Gly Asp Ser Ser Val Gln
275 280 285
Asp Gln Trp Lys Glu Leu Ser His Glu Asp Leu Glu Pro Pro Pro Glu
290 295 300
His Ile Pro Pro Pro Pro Arg Pro Pro Lys Arg Ile Leu Glu Pro His
305 310 315 320
Asn Gly Lys Cys Arg Glu Phe Phe Pro Asn His Gln Trp Val Lys Glu
325 330 335
Glu Thr Gln Glu Asp Lys Asp Cys Pro Ile Lys Glu Glu Lys Gly Ser
340 345 350
Pro Leu Asn Ala Ala Pro Tyr Gly Ile Glu Ser Met Ser Gln Asp Thr
355 360 365
Glu Val Arg Ser Arg Val Val Gly Gly Ser Leu Arg Gly Ala Gln Ala
370 375 380
Ala Ser Pro Ala Lys Gly Glu Pro Ser Leu Pro Glu Lys Asp Glu Asp
385 390 395 400
His Ala Leu Ser Tyr Trp Lys Pro Phe Leu Val Asn Met Cys Val Ala
405 410 415
Thr Val Leu Thr Ala Gly Ala Tyr Leu Cys Tyr Arg Phe Leu Phe Asn
420 425 430
Ser Asn Thr
435

<210> 2
<211> 132
<212> PRT
<213> Homo sapiens

<400> 2
Val Asp Ala Phe Leu Gly Thr Trp Lys Leu Val Asp Ser Lys Asn Phe
1 5 10 15
Asp Asp Tyr Met Lys Ser Leu Gly Val Gly Phe Ala Thr Arg Gln Val
20 25 30
Ala Ser Met Thr Lys Pro Thr Thr Ile Ile Glu Lys Asn Gly Asp Ile
35 40 45
Leu Thr Leu Lys Thr His Ser Thr Phe Lys Asn Thr Glu Ile Ser Phe
50 55 60
Lys Leu Gly Val Glu Phe Asp Glu Thr Thr Ala Asp Asp Arg Lys Val
65 70 75 80
Lys Ser Ile Val Thr Leu Asp Gly Gly Lys Leu Val His Leu Gln Lys
85 90 95
Trp Asp Gly Gln Glu Thr Thr Leu Val Arg Glu Leu Ile Asp Gly Lys
100 105 110
Leu Ile Leu Thr Leu Thr His Gly Thr Ala Val Cys Thr Arg Thr Tyr
115 120 125
Glu Lys Glu Ala
130

<210> 3
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<223> Exemplary target sequence

<400> 3
Ala Gln Ser Tyr Ile Glu Lys Ile Ser Gln Ala Met Glu Ser Ala Ile
 1   5   10   15
Glu Lys Arg Leu Thr Leu Ala Gln Ile Met Glu Trp Ile Arg Arg Asn
            20   25   30
Ile Met Gly
        35

<210> 4
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<223> Exemplary target sequence

<400> 4
Asn Gln Ser Tyr Ile Glu Leu Ile Ser Gln Ala Met Glu Ser Ala Pro
 1   5   10   15
Glu Lys Arg Leu Thr Leu Ala Gln Ile His Glu Trp Ile Arg Arg Asn
            20   25   30
Ala Trp Gly
        35

<210> 5
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<223> Exemplary protein sequence

<400> 5
Pro Tyr Ser Tyr Ile Ser Leu Ile Thr Met Ala Met Gln Gln Ala Pro
 1   5   10   15
Glu Lys Met Leu Thr Leu Ala Gln Ile His Glu Trp Ile Leu Thr His
            20   25   30
Ala Lys Pro
        35

<210> 6
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<223> Exemplary protein sequence

<400> 6
Pro Tyr Ser Tyr Ile Ala Leu Ile Thr Met Ala Met Leu Gln Ser Pro
 1   5   10   15
Glu Lys Lys Leu Thr Leu Ala Gln Ile His Glu Phe Ile Leu Val Asn
            20   25   30
Ala Lys Pro

35

<210> 7
<211> 35
<212> PRT
<213> Artificial Sequence

<220>
<223> Exemplary protein sequence

<400> 7
Pro Tyr Ser Tyr Ile Glu Leu Ile Thr Met Ala Met Gln Asn Ala Pro
1 5 10 15
Glu Lys Lys Ile Thr Leu Ala Gln Ile His Gln Phe Ile Leu Val Gln
20 25 30
Ala Lys Pro
35